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CERTIFIED

5/8/80

MINUTES OF THE MEETING OF THE ACRS
SUBCOMMITTEE ON REACTOR SAFETY RESEARCH

APRIL 9, 1980

WASHINGTON, D.C.

The ACRS Subcommittee on Reactor Safety Research met to discuss the NRC Office of Nuclear Regulatory Research's response to the ACRS recommendations to the Congress on NRC research for FY 1981 (NUREG-0657) and to discuss the plans for review of FY 1982 research budget and for the preparation of the ACRS report to NRC. The notice of the meeting appeared in the Federal Register of March 25, 1980. A copy is included as Attachment A. The Committee received neither requests to make oral statements nor written statements. A list of attendees is included as Attachment B. The Subcommittee did not prepare any documents during this meeting. The Subcommittee received a draft report concerning RES comments to the Commissioners on ACRS report NUREG-0657. A copy is on file in the ACRS Office.

Dr. Okrent was the Subcommittee Chairman, Dr. McCreless was the Designated Federal Employee.

Dr. Siess suggested a procedure to be followed to accomplish the purpose of the meeting. He explained that the NRC Staff had been requested to discuss its response to the ACRS recommendations on the FY 1981 research budget and to provide the Subcommittee with as much information as possible on its FY 1982 budget plans. He said that following the NRC Staff presentation, the Subcommittee should discuss a schedule of activities to provide both a report on FY 1982 research budget to the Commissioners in July and to the Congress in February 1981.

Dr. Siess said that he understands that the RES is also preparing a 5 year, long range research program plan. Mr. Scroggins said the initial RES effort

would be in the area of SAFER and the program plans in the areas of LWR, Advance Reactors and Probability Assessment would be deferred until near the end of this fiscal year. It is expected that the long range SAFER program plan will be sent to the ACRS at the end of April. Dr. Siess said that when a long range plan is available the ACRS review should be directed toward that rather than the year-to-year, project-by-project review. Dr. Siess suggested to Dr. Lawroski that he use the SAFER program in his review but that he not consider a separate report necessary until the ACRS is asked to provide the report.

Dr. Murley discussed the various milestones associated with the review of the FY 1982 budget. These are shown in Attachment C. The EDO will send his budget to the Commission on July 2. RES will send its budget to the ACRS on June 2. Dr. Murley said that the RES Staff should be able to discuss the budget with individual subcommittees as soon as RES establishes budget levels (near the end of April).

Dr. Siess said that he hopes that four to eight hours can be set aside for discussion of the research report during the Committee's June Meeting and eight to ten hours in July to finish the report.

In response to a question on the timing of work by the Budget Review Group, Dr. Murley said that Mr. Dircks has some ideas as to how the BRG effort might be revised. The review is being referred to as the "budget review process".

Dr. Carbon asked Dr. Murley when he expects Congress will take action that will indicate its direction on FY-81 budget for Advanced Reactors. Dr. Murley said the RES has met with both the Authorizations and Appropriation Committees and that he expects an increase in the \$5 million budget request for Advance Reactors. He said the tone of the meetings was support for NRC maintaining an advance reactor research capability. He could not give a

date for Congressional action. Dr. Murley said the Authorization Committee under Mike McCormack has increased the DOE FY-1981 budget in the area of advance reactors to about the FY-1980 level. Dr. Murley also said that he believes that DOE will not receive the \$7M FY-1980 supplement for research associated with TMI-2 cleanup.

Dr. Murley said that FY-1980 NRC supplemental budget request has not been acted upon by the Appropriations Committees but has been approved by the Authorizations Committees. Senator Hart's Committee has tentatively slashed the FY-1981 budget by 5%. The Senate's budget Committee which sets levels for all agencies has reduced each agency's budget by 5%.

The Subcommittee discussed with the NRC Staff its preliminary draft report to the Commissioners on the RES response to the ACRS report NUREG-0657. Dr. Okrent said that he was concerned that the NRC Staff writes to the Commission and says it is doing what the ACRS recommends without checking with the ACRS to see if it agrees. Dr. Murley said the Staff report would be worded so that ACRS comments are included along with what the Staff believes the ACRS said and the Staff's response to the comments.

The Subcommittee commented on the following sections of the report:

P2 items (i) - not responsive to recommendation cited. The Staff will re-examine Appendix 3 of NUREG-0657.

P2 item (iii) and P3-3 and 3-4, plant operations and systems behavior - not responsive to recommendations cited. The Staff will re-examine Appendix B of NUREG-0657.

P3 item 4 - ACRS recommended more money for risk assessment and improved reactor safety. RES disagrees.

P4 item 5 and Chapter 4 - The number of LOFT tests planned for FY-1981. Dr. Siess suggested that a subcommittee review the experiments planned for LOFT that are intended to satisfy the ACRS recommendations on improved reactor safety and new directions in research.

P5 item 7, more people to manage the Waste Management Research program. Mr. Arsenault said that it will be sometime before he can recruit a geological engineer.

P11-2, less effort on transportation research. Mr. Arsenault was asked to provide more information to Dr. Lawroski on the Transportation Modal Study.

P6 summary. Dr. Mark noted that there were many things in the back of the RES report that were not called out in the summary. Some represent significant differences between ACRS and RES. He cited as an example research on Surry generators. Dr. Okrent added another example was the work at ESSOR. Dr. Murley agreed to include the items of disagreement in the summary.

P9-2 item 9.3.4, molten core retention. Dr. Murley will rewrite this response.

Dr. Okrent asked if NRC has discussed with DOE what designs for nuclear plants might be, if current configurations were changed. He said this might lead to more improvements in reactor systems than can be expected from LOFT. Mr. Bernero said that he knew of no such discussions with DOE. Dr. Okrent left the idea as a personal suggestion.

Dr. Okrent told Mr. Bernero that in the past the ACRS has not received timely results from probabilistic analyses. Mr. Bernero indicated that he would take action.

Dr. Siess commented on the format for the July report to the Commissioners on RES FY-1982 research budget. He said that the report should be similar in style to Chapter 3 of NUREG-0603. In general the same headings (depending on the budget headings) should be used with breakdown to the headings into decision units. The ACRS recommendations for new directions in research must be included somewhere within these units. He suggested that Dr. Okrent assure that these items are included within the report. Dr. Okrent asked the NRC Staff to provide an accounting of how the RES FY-1982 budget addresses the ACRS recommendations.

Mr. Scroggins said that RES is in the process of dividing its work effort into new decision units. The basic sub-elements will all be there but they may be grouped differently. He promised to provide this information in several weeks.

Dr. Okrent also asked for RES thinking on priorities among the various major units. Mr. Scroggins said that such a listing as was provided last year would again be provided.

The meeting was adjourned at 6:10 p.m.

NOTE: For additional details, a complete transcript of the meeting is available in the NRC Public Document Room, 1717 H St., NW, Washington, DC 20555 or from International Verbatim Reporters, Inc., 422 South Capitol Street, SW, Suite 107, Washington, DC 20002, (202) 484-3550.

information. I have determined, in accordance with Subsection 10(d) of the Federal Advisory Committee Act (Public Law 92-463), that, should such sessions be required, it is necessary to close these sessions to protect proprietary information. See 5 U.S.C. 552b(c)(4).

Further information regarding topics to be discussed, whether the meeting has been cancelled or rescheduled, the Chairman's ruling or requests for the opportunity to present oral statements and the time allotted therefor can be obtained by a prepaid telephone call to the cognizant Designated Federal Employee, Mr. Richard K. Major (telephone 202/634-1414) between 8:15 a.m. and 5:00 p.m., EST.

Background information concerning items to be discussed at this meeting can be found in documents on file and available for public inspection at the NRC Public Document Room, 1717 H Street, N.W., Washington, DC 20555 and at the Government Publications Section, State Library of Pennsylvania, Education Building, Commonwealth and Walnut Street, Harrisburg, PA 17126.

Dated: March 20, 1980.

John C. Hoyle,
Advisory Committee Management Officer.

(FR Doc. 80-6008 Filed 3-24-80; 8:45 am)
BILLING CODE 7590-01-8

Advisory Committee on Reactor Safeguards, Subcommittee on Reactor Safety Research; Meeting

The ACRS Subcommittee on Reactor Safety Research will hold an open meeting on April 9, 1980 in Room 1046, 1717 H St., N.W., Washington, D.C. to review the NRC Office of Nuclear Regulatory Research response to ACRS recommendations to Congress on NRC research (NUREG-0657); also, the FY-82 budget review and preparation of the ACRS report to NRC will be discussed. Notice of this meeting was published March 19, 1980.

In accordance with the procedures outlined in the Federal Register on October 1, 1979 (44 FR 56408), oral or written statements may be presented by members of the public, recordings will be permitted only during those portions of the meeting when a transcript is being kept, and questions may be asked only by members of the Subcommittee, its consultants, and Staff. Persons desiring to make oral statements should notify the Designated Federal Employee as far in advance as practicable so that appropriate arrangements can be made to allow the necessary time during the meeting for such statements.

The agenda for this meeting shall be as follows:

Wednesday, April 9, 1980

4:00 p.m. *Until the Conclusion of Business*

The Subcommittee may meet in Executive Session, with any of its consultants who may be present, to explore and exchange their preliminary opinions regarding matters which should be considered during the meeting.

At the conclusion of the Executive Session, the Subcommittee will hear presentations by and hold discussions with representatives of the NRC staff, their consultants, and other interested persons.

Further information regarding topics to be discussed, whether the meeting has been cancelled or rescheduled, the Chairman's ruling on requests for the opportunity to present oral statements and the time allotted for the presentation can be obtained by a prepaid telephone call to the cognizant Designated Federal Employee, Dr. Thomas G. McCreless (telephone 202/634-3267) between 8:15 a.m. and 5:00 p.m. EST.

Dated: March 20, 1980.

John C. Hoyle,
Advisory Committee Management Officer.

(FR Doc. 80-6008 Filed 3-24-80; 8:45 am)
BILLING CODE 7590-01-8

Advisory Committee on Reactor Safeguards, Subcommittee on Regulatory Activities; Meeting

The ACRS Subcommittee on Regulatory Activities will hold an open meeting on April 9, 1980, in Room 1046, 1717 H St., N.W., Washington, DC 20555. Notice of this meeting was published in the Federal Register March 19, 1980.

In accordance with the procedures outlined in the Federal Register on October 1, 1979 (44 FR 56408) oral or written statements may be presented by members of the public, recordings will be permitted only during those portions of the meeting when a transcript is being kept, and questions may be asked only by members of the Subcommittee, its consultants, and Staff. Persons desiring to make oral statements should notify the Designated Federal Employee as far in advance as practicable so that appropriate arrangements can be made to allow the necessary time during the meeting for such statements.

The agenda for subject meeting shall be as follows:

Wednesday, April 9, 1980

The Meeting Will Commence at 8:45 a.m.

The Subcommittee will hear presentations from the NRC Staff and

will hold discussions with this group pertinent to the following:

(1) Regulatory Guide 1.58, Revision 1, "Qualifications of Inspection, Examination, and Testing Personnel for Nuclear Power Plants." (Post Comment)

(2) Regulatory Guide 1.XXX, "Qualification of Quality Assurance Program Audit Personnel for Nuclear Power Plants." (Post Comment)

(3) Proposed Regulatory Guide 1.139, Revision 1, "Guidance for Residual Heat Removal to Achieve and Maintain Cold Shutdown." (Pre Comment)

Other matters which may be of a predecisional nature relevant to reactor operation or licensing activities may be discussed following this session.

Persons wishing to submit written statements regarding Regulatory Guides 1.58, Revision 1, and 1.XXX may do so by providing a readily reproducible copy to the Subcommittee at the beginning of the meeting. However, to insure that adequate time is available for full consideration of these comments at the meeting, it is desirable to send a readily reproducible copy of the comments as far in advance of the meeting as practicable to Mr. Sam Duraiswamy (ACRS), the Designated Federal Employee for the meeting, in care of ACRS, Nuclear Regulatory Commission, Washington, D.C. 20555 or telecopy them to the Designated Federal Employee (202-634-3319) as far in advance of the meeting as practicable. Such comments shall be based upon documents on file and available for public inspection at the NRC Public Document Room, 1717 H St., N.W., Washington, DC 20555.

Further information regarding topics to be discussed, whether the meeting has been cancelled or rescheduled, the Chairman's ruling on requests for the opportunity to present oral statements and the time allotted therefor can be obtained by a prepaid telephone call to the Designated Federal Employee for this meeting, Mr. Sam Duraiswamy (telephone 202/634-3267), between 8:15 a.m. and 5:00 p.m., EST.

Dated: March 20, 1980.

John C. Hoyle,
Advisory Committee Management Officer.

(FR Doc. 80-6007 Filed 3-24-80; 8:45 am)
BILLING CODE 7590-01-8

[Docket Nos. 50-445 and 446]

Texas Utilities Generating Co., et al.
(Comanche Peak Steam Electric Station, Units 1 and 2); Order Scheduling Prehearing Conference

There will be a prehearing conference commencing at 9:30 a.m. (local time) on

POOR ORIGINAL

Att A.

MEETING OF THE ACRS
SUBCOMMITTEE ON REACTOR SAFETY RESEARCH
APRIL 9, 1980
WASHINGTON, D.C.

Attendees List

ACRS

D. Okrent, Chairman
C. Siess, Member
C. Mark, Member
M. Carbon, Member
S. Lawroski, Member
W. Kerr, Member
J. Ray, Member
D. Meoller, Member
T. McCreless, Staff*
R. Savio, Staff

*Designated Federal Employee

NRC

L. N. Rib, RSR
M. Silberberg, RSR
F. Arsenault, RES
O. E. Bassett, RES
T. Murley, RES
R. Scroggins, RES
R. Bernero, RES
G. W. Knighton, NRR

NSAC

Leyse

BCS

B. K. Feamstec
W. L. McKeown

FY 1982 RESEARCH BUDGET REVIEW

APRIL

MAY

JUNE

JULY

AUGUST

NRC Milestones



BUDGET TO
EDO - 6/2



BUDGET TO
COMMISSION
7/2



COMMISSION
MARK - 7/24

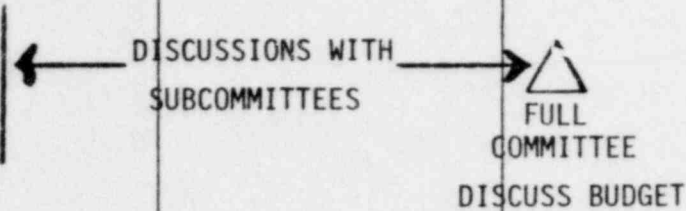


BUDGET TO
CON - 8/13



BUDGET TO
OMB - 9/1

ACRS



RES



DEVELOP ZBB FORMAT



Attachment - C